

CONSTANT-CURRENT/CONSTANT-VOLTAGE
CIRCUIT ARCHITECTURE

Abstract of the Disclosure

[0048] Methods and circuits implementing a constant-current/constant-voltage circuit architecture are provided. The methods and circuits preferably provide a charging system that provides current to a load using a fixed current until the load is charged. When the load is charged, the methods and circuits preferably provide a variable current to the load in order to maintain the voltage level across the load. This variable current varies according to the voltage across the load. In one embodiment of the invention, a constant power current may also be used as one of the load charging currents. The constant power current may act as a limit on the charging circuit's power output.